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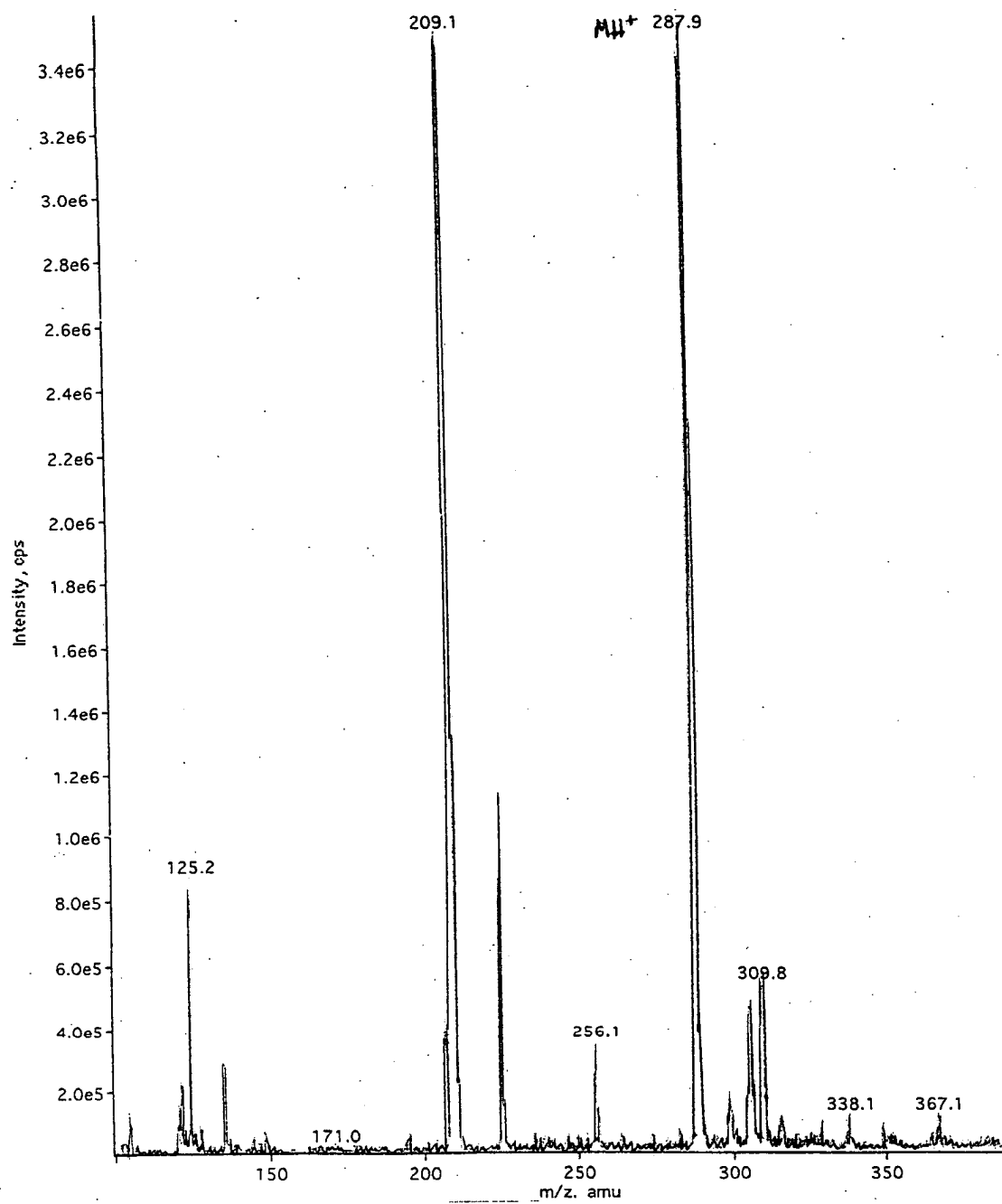


Figure 1: Mass spectrum of the synthesized ketoprofen ethyl ester-d5 in molecular ion mode.

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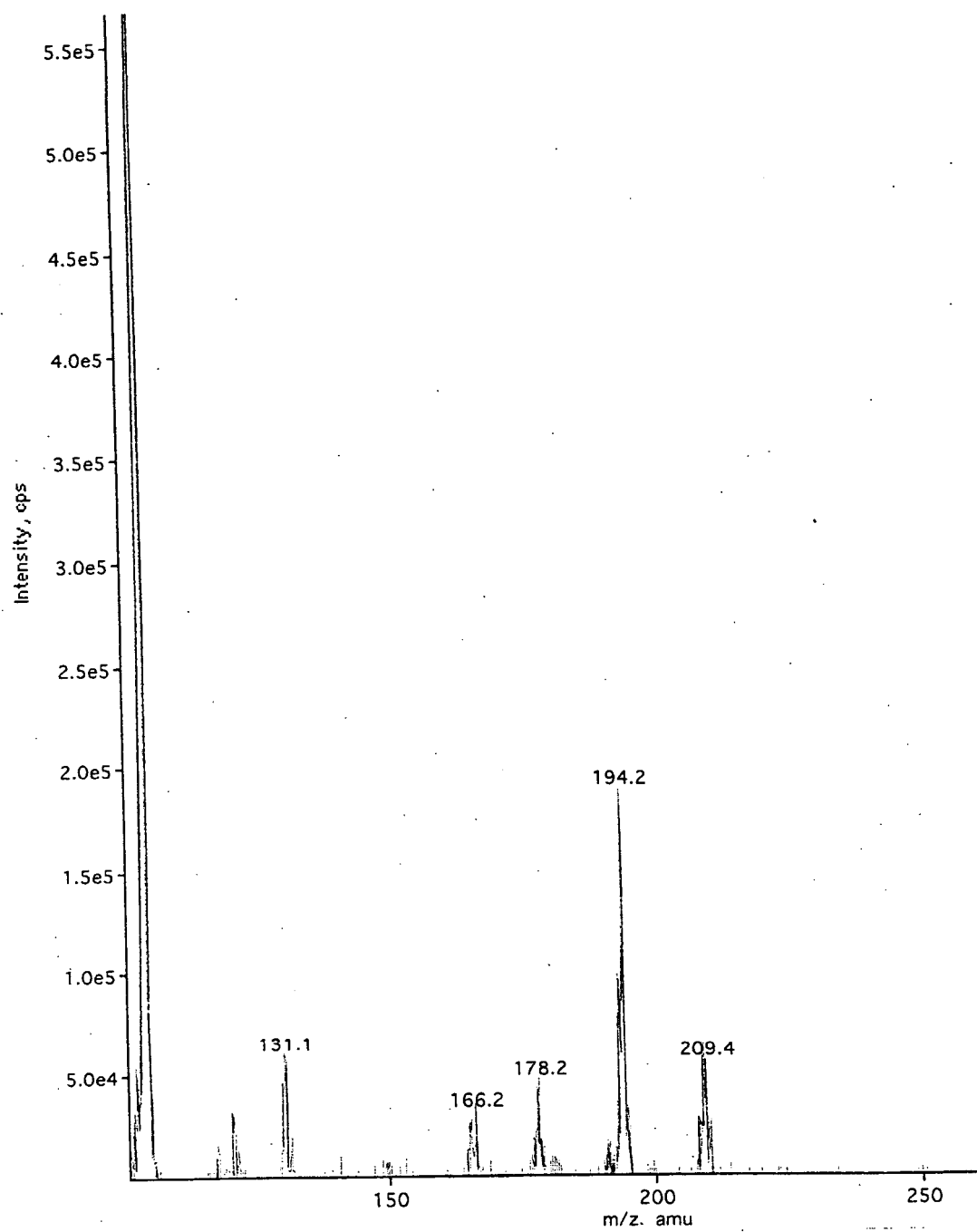


Figure 2 : Mass spectrum of the synthesized ketoprofen ethyl ester-d5 in multiple reaction monitoring mode.

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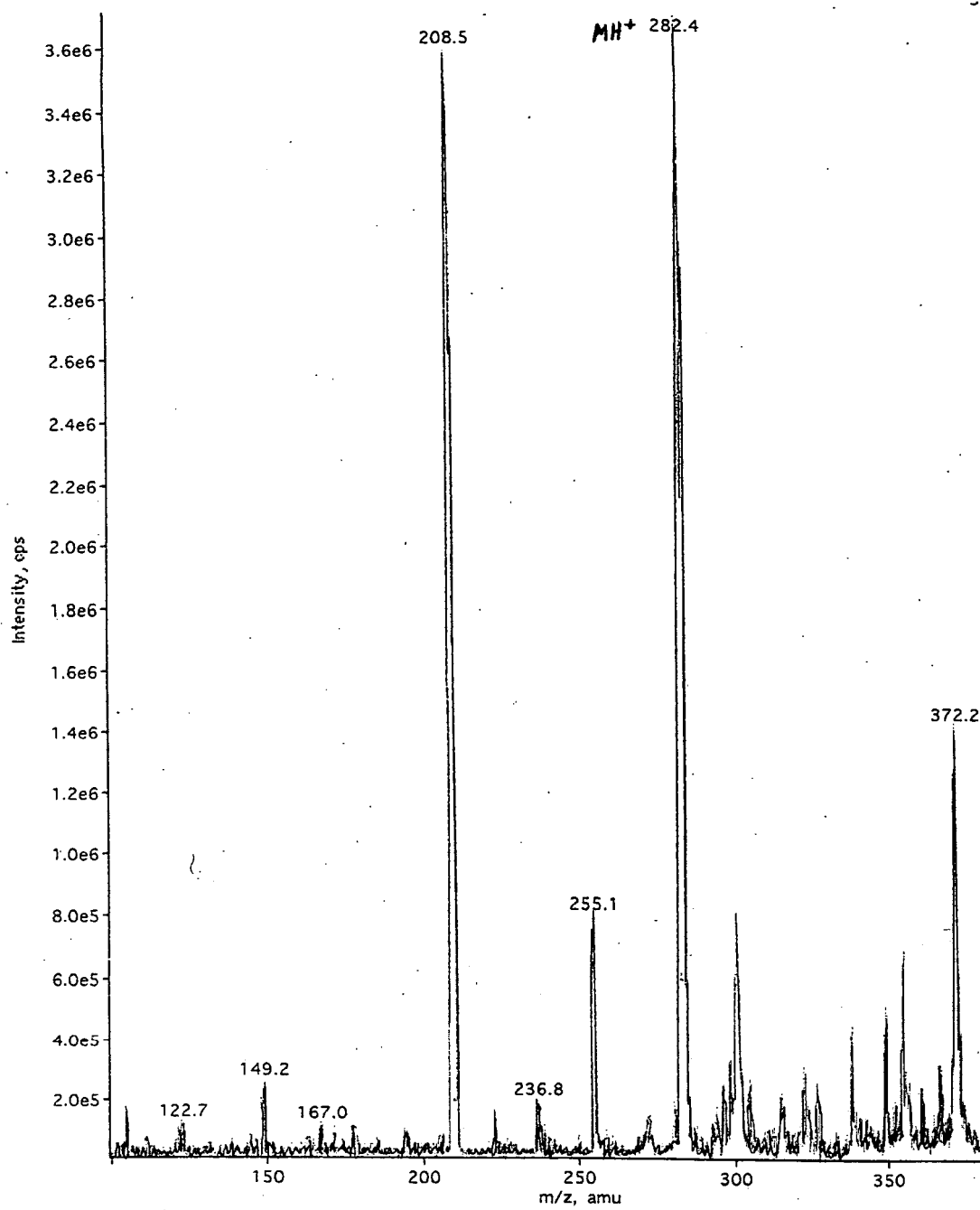


Figure 3 : Mass spectrum of the derivatized ketoprofen ethyl ester in molecular ion mode.

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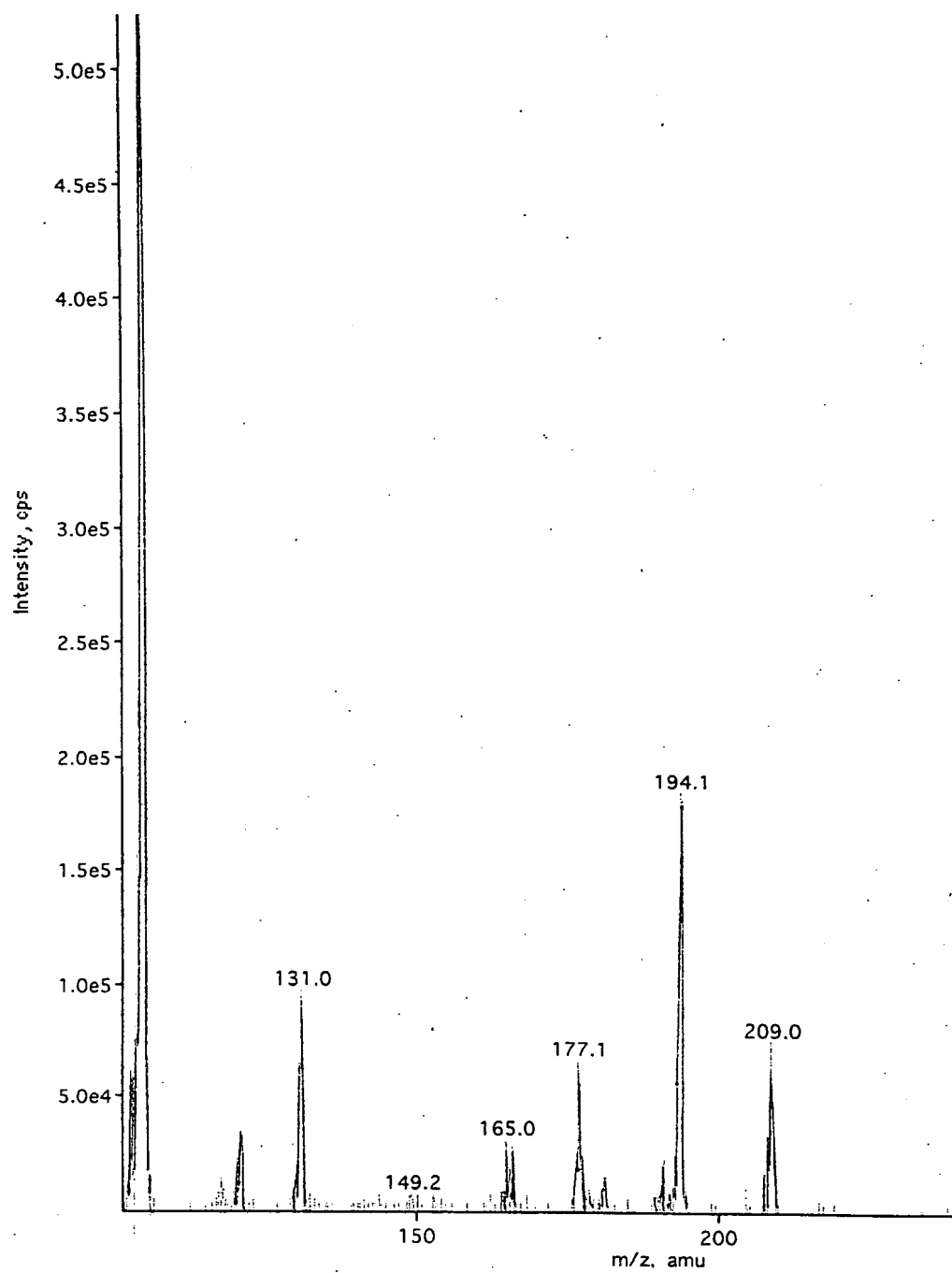


Figure 4 : Mass spectrum of the derivatized ketoprofen ethyl ester in multiple reaction monitoring mode.

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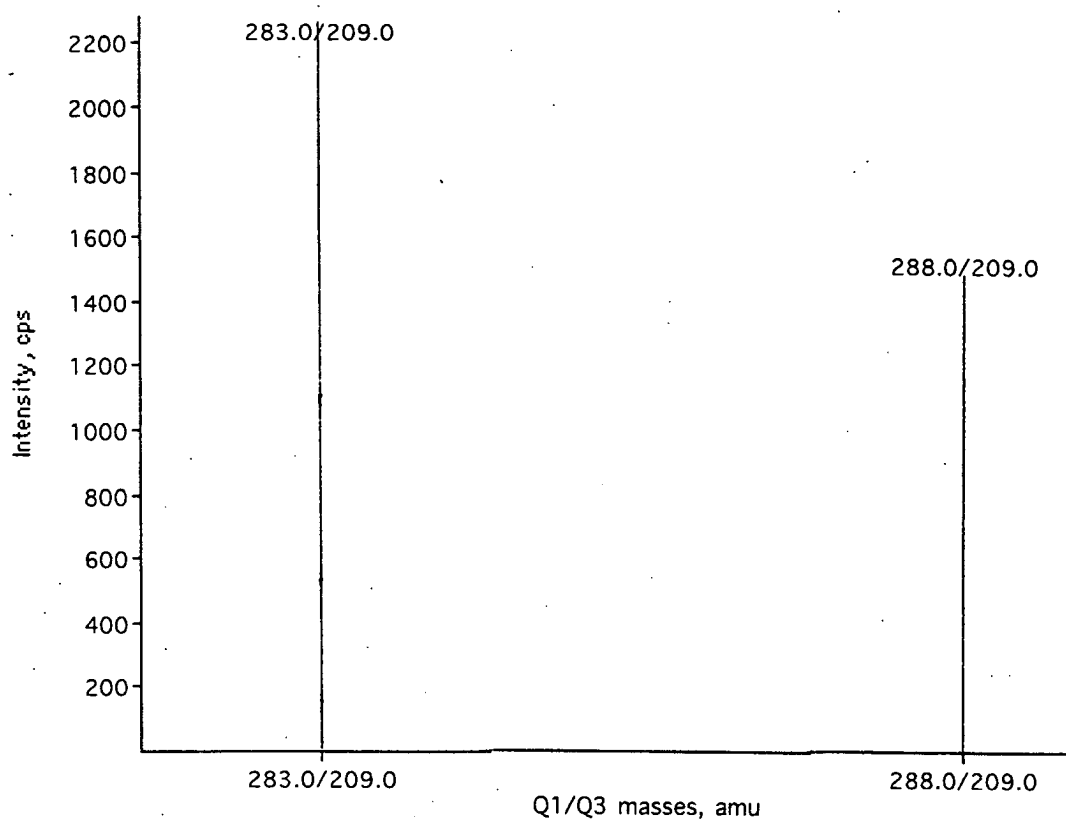


Figure 5 : Mass spectrum of the extract of a sample containing the derivatized ketoprofen ethyl ester and the synthesized labeled internal standard ketoprofen ethyl ester-d5 in multiple reaction monitoring mode.